

AMENDMENTS TO THE SPECIFICATION

Please replace the Abstract on page 76 of the application as originally submitted on January 29, 2004, with the following Substitute Abstract:

ABSTRACT

A power apparatus for an electromagnetic induction heater. The power apparatus includes a switching unit, a switching unit voltage detecting circuit, and a control circuit. The switching unit supplies power to an exciting coil of the electromagnetic induction heater. The switching unit voltage detecting circuit determines when a voltage to be applied to the switching unit exceeds a safe operating voltage limit. The control circuit controls power supplied to the coil in response to the determined voltage.